Geometry honors

Geometry of surfaces project

You will write and illustrate a children’s book or comic book about your given surface.

The following information about your surface should be discussed thoroughly.

* Lines and their intersection(s)
* Parallel lines
* Measuring angles
* Angles of a triangle
* Curvature
* Compare and contract your surface to the traditional Euclidean plane
* You may include additional information

This should be written so that someone who has not studied your surface could read it and understand. You should use diagrams to help illustrate the information, but additional diagrams that may help with the story are permitted as well. You may use technology to aid in creating your illustrations, but **be sure that you do not violate copyright in any way.**

The book is due at the beginning of class on **Tuesday, May 18**. If you wish for this to be considered for Eagle Roll it needs to be turned in before the end of school on Friday, May 14.

This project will be worth a test grade.

Accuracy of information: 30 points

Depth of explanation: 20 points

Ease of understanding: 15 points

Diagrams: 15 points

Creativity and neatness: 15 points

**TOTAL 95 points**